

PATENT *John*IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Sheueling Chang Shantz et al.

Title: METHOD AND APPARATUS FOR IMPLEMENTING PROCESSOR
INSTRUCTIONS FOR ACCELERATING PUBLIC-KEY
CRYPTOGRAPHY

Application No.: 10/626,420

Filed: July 24, 2003

Examiner: Not yet assigned

Group Art Unit: 3621

Atty. Docket No.: 004-9388

July 1, 2004

Mail Stop Amendment
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- ☒ Form(s) PTO-1449 (1 pages), including copy(ies) of 11 reference(s).
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to the Examiner's attention in the above-identified application. Citation of such information shall not be construed as:

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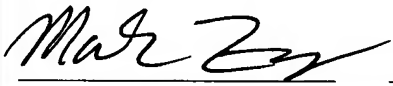
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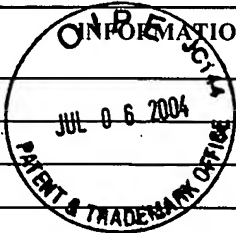
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Respectfully submitted,



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U.S. Department of Commerce, Patent and Trademark Office		Attorney Docket No.: 004-9388
		Application No.: 10/626,420
 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant(s): Sheueling Chang Shantz et al.
		Filing Date: July 24, 2003
		Group Art Unit: 3621
		Date Submitted: July 1, 2004
NON PATENT LITERATURE DOCUMENTS		
*Examiner Initial	Cite No.	(Including name of author in capital letters, title of article, title of item, date, pertinent pages, volume-issue number(s), publisher, city and/or country where published.)
	AA	Intel® Itanium™ Processor, "High Performance On Security Algorithms (RSA Decryption Kernel)," Intel Corporation, 2001, pp. 1-8.
	AB	Intel®, "Intel® Itanium™ Architecture Software Developer's Manual, Volume 1: Application Architecture," Revision 2.1, October, 2002, 2 pages.
	AC	Großschädl, Johann, "Instruction Set Extension for Long Integer Modulo Arithmetic on RISC-Based Smart Cards," Proceedings of the 14 th Symposium on Computer Architecture and High Performance Computing, 2002, 7 pages.
	AD	Koç, Cetin Kaya, "High-Speed RSA Implementation," Version 2.0, RSA Laboratories, November, 1994, pp. i-70.
	AE	Shantz, Sheueling Chang, "From Euclid's GCD to Montgomery Multiplication to the Great Divide," Sun Microsystems, June 2001, pp. 1-10.
	AF	Standards for Efficient Cryptography, "SEC 2: Recommended Elliptic Curve Domain Parameters," Certicom Research, September 20, 2000, pp. i-45.
	AG	Woodbury, A.D.; Bailey, Daniel V., Paar, Christof, "Elliptic Curve Cryptography on Smart Cards Without Coprocessors," The Fourth Smart Card Research and Advanced Applications (CARDIS2000) Conference, Bristok, UK, pp. 71-92.
	AH	H. Cohen, A. Miyaji, and T. Ono, "Efficient elliptic curve exponentiation using mixed coordinates", in K. Ohta and D. Pei, editors, Advances in Cryptology ASIACRYPT 98, pp. 51-65, Springer Verlag, 1998, LNCS 1514
	AI	D. Bailey and C. Paar, "Optimal Extension Fields for Fast Arithmetic in Public-Key Algorithms." In H. Krawczyk, editor, Advances in Cryptography – CRYPTO '98, volume LNCS 1462, pages 472-485. Springer-Verlag, 1998. http://citeseer.ist.psu.edu/article/bailey98optimal.html , 14 pages.
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	AK	F. Morain and J. Olivos, "Speeding Up the Computations on an Elliptic Curve Using Addition-Subtraction Chains," Rapport de Recherche 983, INRIA, France, March 1989, http://citeseer.ist.psu.edu/morain90speeding.html , pp. 119-130.
	AL	
	AM	
	AN	
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